



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090380-A

Mode: Highway

Status: Submitted

NC-119 (New Route - NC 119 Relocation)

From/Cross Street: I-40/85

Specific Improvement Type: 5 - Construct Roadway on New Location

To: North of SR 1921 (Mebane Rogers Road)

Project Category: Regional Impact

Length: 3.02

TIP#: U-3109A

Fully Funded in Draft STIP? No

Cost to NCDOT: \$85,992,000

Description:

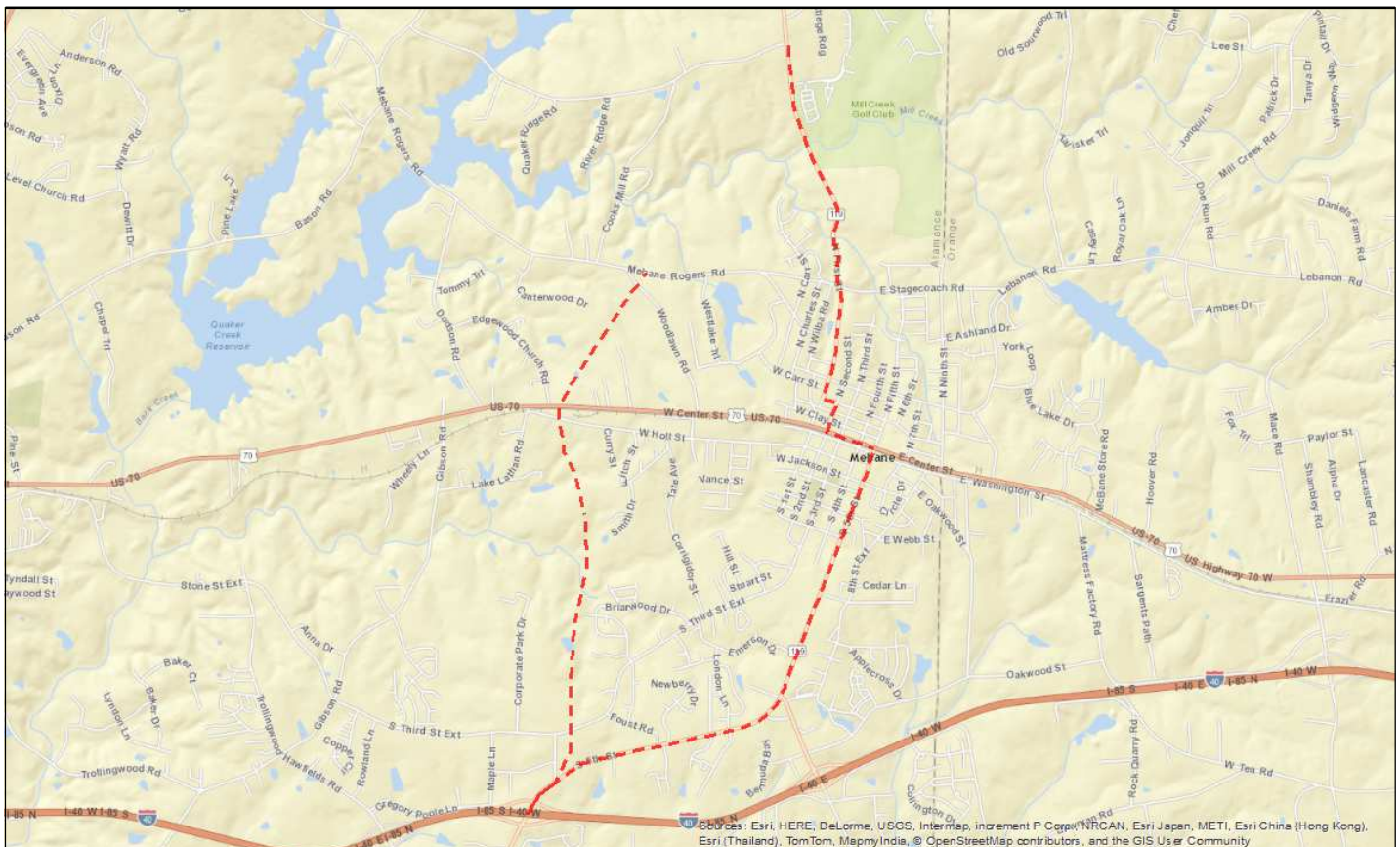
Construct Multi-Lanes on New Location

Division(s): Division 7

County(s): ALAMANCE

MPOS(s)/RPO(s): Burlington Graham MPO

Project Location



Statewide Mobility Total Score: 0

| Quantitative Score | Division Engineer Local Input Points | MPO/RPO Local Input Points |
|---|---|-------------------------------|
| Totals: Weight: 0% Weighted Score: 0 | N/A | N/A |

Regional Impact Total Score: 48.78

| Quantitative Score | Division Engineer Local Input Points | MPO/RPO Local Input Points |
|--|---|-------------------------------|
| Safety (10%) 62.84 | Percent: 15% | Percent: 15% |
| Accessibility / Connectivity (10%) 12.70 | Points: 100 | Points: 100 |
| [Travel Time] Benefit/Cost (25%) 2.70 | | |
| Congestion (V/C) (25%) 42.23 | | |
| Totals: Weight: 70% Weighted Score: 18.78 | | |

Division Needs Total Score: 15.27

| Quantitative Score | Division Engineer Local Input Points | MPO/RPO Local Input Points |
|--|---|-------------------------------|
| Congestion (V/C) (20%) 42.23 | Percent: 25% | Percent: 25% |
| Safety (10%) 62.84 | Points: 0 | Points: 0 |
| [Travel Time] Benefit/Cost (20%) 2.70 | | |
| Totals: Weight: 50% Weighted Score: 15.27 | | |

Project Data ***Existing Conditions**

| | |
|---|----------------|
| Existing Cross-Section: | |
| Speed Limit: | 40 |
| Length (miles): | 5.2 |
| Facility Type: | Arterial |
| Access Control: | None |
| Functional Classification: | Minor Arterial |
| Terrain Type: | Rolling |
| Lane Width: | 11 |
| Paved Shoulder Width: | 0 |
| Roadway has Curb & Gutter? | No |
| Volume (AADT): | 10054.18 |
| Capacity: | 15789.85 |
| Volume/Capacity Ratio: | 0.64 |
| % Autos: | 97% |
| % Trucks: | 3% |
| Truck Volume: | 283.2 |
| Crash Density: | 73.13 |
| Crash Severity: | 48.62 |
| Critical Crash Rate: | 66.78 |
| Crash Frequency: | 0 |
| Severity Index: | 0 |
| County Tier Designation: | 2 |
| Non-Interstate STRAHNET Route? | No |
| Average Commuting Time: | 23 |
| Existing Median Type (for Cost Estimation): | Undivided |
| Pavement Condition Rating: | 97 |
| Actual Congested Speed: | 35.32 |
| Travel Time Index: | 1.09 |

Project Benefits

| | |
|--|---|
| Project Cross-Section: | 4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders |
| Speed Limit: | 45 |
| Length (miles): | 3.02 |
| Facility Type: | Arterial |
| Access Control: | Partial |
| Functional Classification: | Minor Arterial |
| Terrain Type: | Rolling |
| DOT Design Lane Width: | 12 |
| DOT Design Paved Shoulder Width: | 4 |
| Travel Time Savings for 30 Years (Total): | 10419369.65 |
| Travel Time Savings for 30 Years (Autos): | 10125878.28 |
| Travel Time Savings for 30 Years (Trucks): | 293491.37 |
| Long-Term Employment: | |
| % Change in Economy: | |
| Provides Direct Connection to Transportation Terminal? | No |
| Does project upgrade how the roadway functions? | No |
| In CTP or LRTP? | No |
| CTP/LRTP Name: | |
| CTP/LRTP Completion Year: | |
| Submitted by: | Division 7 |

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT OnLine tool and associated databases.

Project Ownership**Division**

| Division | Percent | Regional Impact | Division Needs |
|------------------------------|---------|-----------------|----------------|
| Division 7 | 100% | 100 | 0 |
| | 0% | 0 | 0 |
| | 0% | 0 | 0 |
| TOTAL Division Points | | 100 | 0 |

MPO/RPO

| MPO/RPO | Percent | Regional Impact | Division Needs |
|-----------------------------|---------|-----------------|----------------|
| Burlington Graham MPO | 100% | 100 | 0 |
| | 0% | 0 | 0 |
| | 0% | 0 | 0 |
| TOTAL MPO/RPO Points | | 100 | 0 |

Project Cost and Source

| | | |
|------------------------|---------------------|----------|
| Construction Cost: | \$47,800,000 | TIP Unit |
| Right-of-Way Cost: | \$35,625,000 | TIP Unit |
| Utilities Cost: | \$2,567,000 | TIP Unit |
| Total Project Cost: | \$85,992,000 | |
| Other Funding: | \$0 | None |
| Cost to NCDOT : | \$85,992,000 | |